

DPM 5535-2

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Dexter Corporation, Hysol Division		EMERGENCY TELEPHONE NO. 415/687-4201
ADDRESS (Number, Street, City, State, and ZIP Code) 2850 Willow Pass Road (P.O. Box 312), Pittsburg, California 94565		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS EA 934 NA Part A
CHEMICAL FAMILY Modified Epoxy	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Epoxy Resins	57		METALLIC COATINGS		
SOLVENTS Glass Fibers	9		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	5		OTHERS		
OTHERS Fillers	30				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None of the constituents are on OSHA's 29 CFR 1910 subpart Z Toxic and Hazardous Substance List.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Decomposes before boiling	SPECIFIC GRAVITY (H ₂ O=1)	1.55
VAPOR PRESSURE (mm Hg.)	Not Available	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	Not Available	EVAPORATION RATE (_____ =1)	N.A.
SOLUBILITY IN WATER	Neg.		
APPEARANCE AND ODOR	Viscous grey paste with slight odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	> 200°F TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Chemical foam, dry chemicals, CO ₂			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Dense smoke may be liberated			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
 Rat Oral LD50 >2.0 gm/kg, estimated. Rabbit Percut LD50 >2.0 mg/kg, estimated.
EFFECTS OF OVEREXPOSURE
WARNING! May cause eye irritation, skin sensitization, or other allergic responses.

EMERGENCY AND FIRST AID PROCEDURES
 Wash skin immediately with soap and water. Flush eyes immediately with plenty of water.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID Follow recommended storage conditions
	STABLE		See Section IX

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS Compounds of carbon and nitrogen

HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID Exothermic reaction - avoid heating
	WILL NOT OCCUR		large masses too high in temperature.

SECTION VII - SPILL OR LEAK PROCEDURES

STEP: TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED. Remove excess. Clean with solvents.

WASTE DISPOSAL METHOD Land burial or incineration as regulated by all governing agencies.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST Recommended	SPECIAL
	MECHANICAL (General) Recommended	OTHER
PROTECTIVE GLOVES Rubber		EYE PROTECTION Safety glasses or goggles
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Follow recommended storage conditions:
 3 months at 77°F; 1 year at 40°F; 2 years at 0°F.

OTHER PRECAUTIONS

ANSI Classification 4